

AXIS P1468-LE Bullet Camera

Fully featured, all-around 4K surveillance

Based on ARTPEC-8, AXIS P1468-LE delivers excellent image quality in outstanding 4K. It includes a deep learning processing unit enabling advanced features and powerful analytics based on deep learning on the edge. With AXIS Object Analytics preinstalled, it offers detection and classification of humans, vehicles, and types of vehicles. This IP66/IP67, NEMA 4X, and IK10-rated camera can withstand winds up to 50 m/s. Lightfinder 2.0, Forensic WDR, and OptimizedIR, ensure sharp, detailed images under any light conditions. Furthermore, it includes Axis Edge Vault to protect your Axis device ID and simplify authorization of Axis products on your network.

- > [Lightfinder 2.0, Forensic WDR, OptimizedIR](#)
- > [Analytics with deep learning](#)
- > [Audio and I/O connectivity](#)
- > [Built-in cybersecurity features](#)
- > [Impact and weather resistant](#)



AXIS P1468-LE Bullet Camera

Camera		Onscreen controls	
Image sensor	1/1.2" progressive scan RGB CMOS	Video streaming indicator	Day/night shift
Lens	Varifocal, 6.2–12.9 mm, F1.6–2.9 Horizontal field of view 108°–49° Vertical field of view 58°–27° Varifocal, remote focus and zoom, P-iris control, IR corrected	Defog	WDR
Day and night	Automatically removable infrared-cut filter	Privacy masks	Media clip
Minimum illumination	With WDR and Light sensor: Color: 0.07 lux, at 50 IRE F1.6 B/W: 0.01 lux, at 50 IRE F1.6 0 lux with IR illumination on	Light control	
Shutter speed	1/66500 s to 2 s	Event conditions	
System on chip (SoC)		Audio: audio clip playing, audio clip currently playing	
Model	ARTPEC-8	Device status: above operating temperature, above or below operating temperature, below operating temperature, within operating temperature, IP address removed, new IP address, network lost, system ready, ring power overcurrent protection, live stream active	
Memory	2 GB RAM, 8 GB Flash	Digital audio: digital signal contains Axis metadata, digital signal has invalid signal rate, digital signal missing, digital signal okay	
Compute capabilities	Deep learning processing unit (DLPU)	Edge storage: recording ongoing, storage disruption, storage health issues detected	
Video		I/O: digital input, manual trigger, virtual input	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	MQTT subscribe	
Resolution	3840x2160 to 160x90	Scheduled and recurring: schedule	
Frame rate	With Forensic WDR: Up to 25/30 fps (50/60 Hz) in all resolutions No WDR: Up to 50/60 fps (50/60 Hz) in all resolutions	Video: average bitrate degradation, day-night mode, tampering	
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Video streaming indicator	Event actions	
Multi-view streaming	Up to 8 individually cropped out view areas	Day-night mode, overlay text, WDR mode	
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR: Up to 120 dB depending on scene, white balance, day/night threshold, tone mapping, exposure mode, exposure zones, motion-adaptive exposure, defogging, barrel distortion correction, compression, orientation: auto, 0°, 90°, 180°, 270° including Corridor Format, mirroring of images, dynamic text and image overlay, polygon privacy masks Scene profiles: forensic, vivid, traffic overview	Audio clips: play, stop	
Pan/Tilt/Zoom	Digital PTZ, digital zoom Guard tour (max 100), control queue, fixed orientation aid	I/O: toggle I/O once, toggle I/O while the rule is active	
Audio		Illumination: use lights, use lights while the rule is active	
Audio streaming	Audio in, simplex, two-way audio via edge-to-edge technology	MQTT: publish	
Audio encoding	24bit LPCM, AAC-LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate	Notification: HTTP, HTTPS, TCP and email	
Audio input/output	External microphone input or line input, digital audio input, ring power, network speaker pairing	Record video: SD card and network share	
Network		SNMP traps: send, send while the rule is active	
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X (EAP-TLS) ^a network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot, signed video, Axis Edge Vault, Axis device ID, secure keystore (CC EAL4 certified)	Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email	
Network protocols	IPv4, IPv6, USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , HTTP/2, TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)	Data streaming	
System integration		Event data	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S and ONVIF [®] Profile T, specification at onvif.org	Built-in installation aids	
		Pixel counter, remote zoom, remote focus, auto rotation	
		Analytics	
		AXIS Object Analytics	
		Object classes: humans, vehicles (types: cars, buses, trucks, bikes)	
		Trigger conditions: line crossing, object in area	
		Up to 10 scenarios	
		Metadata visualized with color-coded bounding boxes	
		Polygon include/exclude areas	
		Perspective configuration	
		ONVIF Motion Alarm event	
		Applications	
		Included	
		AXIS Object Analytics	
		AXIS Video Motion Detection, active tampering, shock detection, audio detection, orientation aid	
		Supported	
		AXIS Perimeter Defender, AXIS Digital Autotracking	
		Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	
		General	
		Casing	
		IP66/IP67-, NEMA 4X-, and IK10-rated casing	
		Polycarbonate blend and aluminium	
		Color: white NCS S 1002-B	
		Sustainability	
		PVC and BFR/CFR free	
		Power	
		Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3	
		Typical: 7.7 W, max 12.95 W	
		10–28 V DC, typical 7.6 W, max 12.95 W	
		Connectors	
		Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T	
		3.5 mm mic/line in	
		Terminal block for 1 supervised alarm input and 1 output (12 V DC output, max. load 25 mA)	
		DC input	
		IR illumination	
		Optimized IR with power-efficient, long-life 850 nm IR LEDs	
		Range of reach 40 m (131 ft) or more depending on the scene	
		Storage	
		Support for microSD/microSDHC/microSDXC card	
		Support for SD card encryption (AES-XTS-Plain64 256bit)	
		Recording to network-attached storage (NAS)	
		For SD card and NAS recommendations see axis.com	

Operating conditions	-40 °C to 60 °C (-40 °F to 140 °F) Maximum temperature according to NEMA TS2 (2.2.7): 74 °C (165 °F) Start-up temperature: -40 °C Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 55035, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR 32 Class A Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC 62471 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK10, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9), ISO 21207 (Method B) Network NIST SP500-267
Weight	With weather shield: 1.2 kg (2.65 lb)

Dimensions	Ø132 x 280 mm (Ø5.2 x 11.0 in)
Included accessories	Installation guide, Windows® decoder 1-user license, drill hole template, connector kit, mounting bracket, Torx® L-keys AXIS Weather Shield L
Optional accessories	AXIS T94F01M J-Box/Gang Box Plate, AXIS T91A47 Pole Mount, AXIS T94P01B Corner Bracket, AXIS T94F01P Conduit Back Box, AXIS Weather Shield K, Axis PoE Midspans For more accessories, see axis.com
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	5-year warranty, see axis.com/warranty

- a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

Environmental responsibility:

axis.com/environmental-responsibility